

## Overview

<https://campus.barracuda.com/doc/5013540/>

If you have deployed Barracuda Cloud-to-Cloud Backup, see the following Campus content:

- [Barracuda Cloud-to-Cloud Backup](#)

View the [Barracuda Networks Online Service Terms](#) on the Barracuda website.

Barracuda Networks offers a simple and cost-effective data backup and cloud storage solution that can be deployed in any environment—on-premises appliance, virtual, and public cloud.

## Cloud-Integrated All-in-One Backup Solution

Protecting your data in today's complex infrastructures—combining on-premises, virtual, cloud-hosted, and SaaS environments—presents challenges that competing backup solutions cannot adequately meet. At best, you will spend a lot more time and money managing and maintaining multiple solutions. At worst, gaps in coverage leave your data vulnerable.

Barracuda Backup is designed from the ground up for the cloud-integrated systems you depend on today. It gives you the flexibility to easily back up data wherever it resides—on premises or in the cloud—and to replicate the data to the Barracuda Cloud, Amazon Web Services (AWS), or a private location of your choice. Simple to configure and manage and totally automated, Barracuda Backup is truly a "set it and forget it" solution for total peace of mind.

## Protecting Data Everywhere

The days when you only had to protect data in your on-premises servers are gone. Now you are also responsible for securing SaaS and cloud-hosted applications such as Microsoft 365. Barracuda Backup has the power and flexibility to efficiently protect data wherever it resides.

## Built for the Cloud, Simple and Scalable

The job of managing data across multiple environments is complex, but backup and disaster recovery do not have to be. Deployment, configuration, and ongoing management are fast and easy thanks to a centralized cloud-based console that gives you complete, single-pane-of-glass visibility into all

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Barracuda solutions in the global network.

## **Protected by Off-Site and Cloud Replication**

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Barracuda Backup enables you to protect against local disasters and data loss by using the cloud to simply and cost-effectively get data offsite. It allows you to securely and efficiently replicate data to the Barracuda Cloud, a remote physical backup appliance, a remote virtual backup appliance, or AWS for offsite protection. 256-bit AES encryption of all data in transit and at rest ensures security.

## **Security**

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Barracuda Backup includes support for 256-bit AES encryption of data at rest and in transit. This military-grade encryption provides organizations with non-disruptive encryption, protection from physical breach or theft, and the ability to meet the standards of some of the most common industry regulations.

## **Reliable and Predictable**

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To protect your backup systems from failures, all Barracuda Backup products include Energize Updates that automatically apply software updates to improve performance and keep you protected from the latest threats. Updates are sent as frequently as needed to protect you from zero-day security threats.

With the Instant Replacement service, Barracuda Networks provides next business day shipping for replacement hardware in the event of a hardware failure or disaster so that you can get back up and running quickly. Along with providing priority replacements in case of equipment failure, the Instant Replacement service also provides ongoing migration to the latest hardware platforms through the Barracuda Hardware Refresh Program, which entitles you to a free hardware refresh after four years.

## **Integration with External Systems and Services - Security Considerations**

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Barracuda Backup integrates with other systems and services in your environment, like your authorization server and email system. Barracuda Networks recommends creating separate service accounts for these integration points, rather than personal accounts, and then using the principle of least privilege. This integration strategy is part of an overall security policy. For more information,

see [Security for Integrating with Other Systems - Best Practices](#).

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